

ABSTRACT OF THE DISCLOSURE

The flying lead deployment apparatus with one reel assembly is made of a frame assembly; a reel assembly with flying lead disposed in the frame assembly adapted to rotate to distribute the flying lead; a first ROV-flying lead interface connected to the frame assembly and one end of the flying lead; a second ROV-flying lead interface connected to the reel assembly and the other end of the flying lead; a drive assembly connected to the reel assembly with a counting gear adapted to count the number of times the reel assembly rotates, an adjustable rack gear , and a locking mechanism connected to the adjustable rack gear and the reel assembly adapted to stop the reel assembly when the counting gear reaches a predetermined number; and a friction brake connected to the frame assembly and reel assembly adapted to apply friction to maintain constant tension on the flying lead.